

INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP 03/14970

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C07D475/08 A61K31/4375

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C07D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, CHEM ABS Data, BEILSTEIN Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	EP 0 906 913 A (WERNER ERNST) 7 April 1999 (1999-04-07) cited in the application the whole document	1,2,5, 9-11, 18-22
X	EDWARD C TAYLOR: "Pteridines. XXIX. An Unequivocal Route to 2,4-Diamino-6-substituted Pteridines" JOURNAL OF THE AMERICAN CHEMICAL SOCIETY, AMERICAN CHEMICAL SOCIETY, WASHINGTON, DC, US, vol. 95, no. 19, 19 September 1973 (1973-09-19), pages 6413-6418, XP002089656 ISSN: 0002-7863 compounds 3B-H	1,2,9

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents :

- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier document but published on or after the international filing date
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- "O" document referring to an oral disclosure, use, exhibition or other means
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- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
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Date of the actual completion of the international search

21 July 2004

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25. 10. 2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 851 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Grassi, D

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>DATABASE CAPLUS CHEMICAL ABSTRACTS SERVICE, COLUMBUS, OHIO, US; 1973, XP002289103 Database accession no. 1973:123690 compounds 40287-04-5 & KWEE, SIANETTE; LUND, HENNING: BIOCHIMICA ET BIOPHYSICA ACTA, vol. 297, no. 2, 1973, pages 285-296,</p>	1,2
X	<p>DATABASE CAPLUS CHEMICAL ABSTRACTS SERVICE, COLUMBUS, OHIO, US; 1977, XP002289104 Database accession no. 1977:478233 abstract; compounds 62911-07-3 & ZIMMERMAN, MORRIS; TOLMAN, RICHARD L.; MORMAN, HARRIET; GRAHAM, DONALD W.; ROGERS, EDWARD F.: JOURNAL OF MEDICINAL CHEMISTRY, vol. 20, no. 9, 1977, pages 1213-1215,</p>	1,2
X	<p>DATABASE BEILSTEIN BEILSTEIN INSTITUTE FOR ORGANIC CHEMISTRY, FRANKFURT-MAIN, DE; 1992, XP002289105 Database accession no. 5032074 compounds 102223-12-1 & AL-HASSAN, SAIBA S.; CAMERON, ROBERT; NICHOLSON, SYDNEY H.; ROBINSON, DAVID H.; SUCKLING, COLIN J.; WOOD, HAMISH C. S.: J.CHEM.SOC.PERKIN TRANS.1, 1985, pages 2145-2150,</p>	1,2
X	<p>DATABASE BEILSTEIN BEILSTEIN INSTITUTE FOR ORGANIC CHEMISTRY, FRANKFURT-MAIN, DE; 1992, XP002289106 Database accession no. 5108955 compounds 102223-19-8 & AL-HASSAN, SAIBA S.; CAMERON, ROBERT; NICHOLSON, SYDNEY H.; ROBINSON, DAVID H.; SUCKLING, COLIN J.; WOOD, HAMISH C. S.: J.CHEM.SOC.PERKIN TRANS.1, 1985, pages 2145-2150,</p>	1,2,5
X	<p>DATABASE BEILSTEIN BEILSTEIN INSTITUTE FOR ORGANIC CHEMISTRY, FRANKFURT-MAIN, DE; 1975, XP002289107 Database accession no. 2640794 compounds 50691-63-9, 54820-59-6, 54820-61-0 compounds 54820-62-1, 54820-63-2 -/-</p>	1,2,5

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Patent document cited in search report		Publication date	Patent family member(s)		Publication date
EP 0906913	A	07-04-1999	EP	0906913 A1	07-04-1999
			AT	201412 T	15-06-2001
			DE	59703603 D1	28-06-2001
<hr/>					
DE 4418097	A	30-11-1995	DE	4418097 A1	30-11-1995
			AT	214068 T	15-03-2002
			CA	2188267 A1	30-11-1995
			DE	59510094 D1	11-04-2002
			WO	9532203 A2	30-11-1995
			EP	0760818 A1	12-03-1997
			ES	2173185 T3	16-10-2002
			JP	10500417 T	13-01-1998
			PT	760818 T	30-08-2002
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No.	Doccode	Number of pages
1	TRNA	3
2	SPEC	33
3	CLM	2
4	ABST	1
5	DRW	13
6	IMIS	1

Total number of pages: 53

Remarks:

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